The Repeater

The W6VVR Newsletter

LOVE IS IN THE AIR

LOVE OF ANTENNAS
LOVE OF DIGITAL MODES
LOVE OF CW
LOVE OF POTA
LOVE OF EXPERIMENTING
LOVE OF FOX HUNTING
LOVE OF CONTESTING
LOVE OF SOTA
LOVE OF RAG CHEWING

The Newsletter for February 2025

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THE VACA VALLEY RADIO CLUB WELCOMES YOU

The Vaca Valley Radio Club has proudly served the Northern Solano County Area since 1988. We pride ourselves in providing a friendly place for radio amateurs to meet and improve their operating skills.

We participate in public service events throughout the year and are always ready to assist with communications during times of emergency.

Browse our website for more information about our club. If you have any questions, please e-mail us at w6vvr@w6vvr.net or call 707-448-5665 for assistance.

The Repeater is Published by the Vaca Valley Radio Club, PO Box 143, Elmira, CA 95 625- 0143.

An ARRL Affiliated Club. Founded 1987, Chartered 1988.

General Meetings: 2nd Thursday of each month at 7:00 PM See the directions on the last several pages.

Meetings Are Wheelchair Accessible

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A Message from The Editors of The Repeater

Welcome to February!

Let me start by saying the newsletter will be getting a font makeover.

I have been using Microsoft's TrueType Times New Roman font and will be switching over to a font available in LibreOffice instead. I am switching to Linux Biolinum G at 16point.

If anyone feels they have a better Linux font suggestion feel free to send me a message and I will look at it.

I hope everyone has started to work with the Morse code files that are on the club website and began learning the characters listed for January.

With January gone, Quartzfest and Winter Field Day are over, and there are no planned events for the month, I am proposing we do a fox hunt over at Alan Witt park on the 15th of February.

Also, now that February is here, the club needs to start planning for June field day.

I am again proposing someplace very local to Fairfield and or Vacaville instead of driving all the way out to Rio Vista. Again the idea is to get people to see us and see what Amateur Radio is capable of now.

Continued on the next page

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We need to demonstrate that Amateur Radio using, Winlink, AREDN, CW, and Phone are all still vital communications means for passing messages and gathering information. Lets focus on what we can do within our communities and not push the emergency response line. Perhaps pushing, that we can let loved ones outside of the immediate area know you are ok and what your status is, would work.

And yes you will hear, "but I can do that on my phone, why do I need it?"

That is the time to remind them that their phone relies on the electric grid and the cell phone towers. Both of which can be compromised in an emergency.
Or that phones can also become overloaded in an emergency.

And while they are watching, send a message back and forth using CW, Winlink, or phone with another club member to demonstrate we don't need any outside infrastructure.

We do still have numerous vacant positions for volunteers for club positions. If you feel you have some experience or want to learn more about a particular position then volunteer for it.

Our club meetings need some additional volunteers to put on presentations so if you have something you would like to present contact one of the board members about it.

In closing, I hope that for the new year we can come together even stronger.

73

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A Message from The President

Unfortunately, as of the publishing deadline, I did not receive any message from the President Servando Miramontes, K6SRV

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A message from the Vice President

Unfortunately, as of the publishing deadline, I did not receive any message from the Vice President Dan Martin N6ETR

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A message from the Treasurer

Well, we finished 2024 and are starting 2025 in much better financial health then how we ended 2023.

As you can see, below, when we started 2024 our non-project funding was in the negative, today we have over $2300, with total funds at $5700.

Bryan, KB0A

VACA VALLEY
RADIO CLUB
NOTES 2024

	PROJECT FUND	REPTR FUND	TOTAL FUNDS	NON-DED FUNDS
2023 Forward	616.00	2582.09	3170.58	–27.51
YTD Received	0.00	668.00	8562.23	7894.23
YTD Paid	0.00	501.19	6002.49	5501.30
YTD Funds	616.00	2748.90	5730.32	2365.42

Bryan, KBØA

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A Message from the Secretary

Unfortunately, as of the publishing deadline, I did not receive any message from the Secretary Mike Gregory WB6WYF

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Meetings recorded by the Secretary

VACA VALLEY RADIO CLUB MEETING
1/9/2025

Meeting opened by President Servando Miramontesat, K6SRV, at 1900 hours.

Pledge of Allegiance held

Servando initiated a discussion on current repeater issues.

The current repeater issues are, in part, due to bad connections, a bad power amplifier which has caused a greatly reduced power output. Repairs are pending and an update will be provided as soon as new information is forthcoming.

Servando initiated a discussion on the ongoing Fusion Repeater Instillation at our repeater.

The equipment is now on site with Brian and his group are in the process of installing the Fusion system. The UHF link will be down this weekend because of the installation.
Brian will provide an update and presentation, hopefully at the next meeting.

Servando initiated a discussion on this years May Fair and parade, Day of the Dead celebration and Pumpkin Patch in Dixon in 2025.

The parade will be on May 10, 2025 and the club has already been contacted by the Dixon City Counsel asking us to participate. We have agreed to provided communications as we have in the past.

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In addition we have been asked to assist with the Day of the Dead event, more to follow.

We have also been asked to assist with the Pumpkin Patch in Dixon next Halloween. It was decided there was too much liability for the club and it was decided not to participate.

Servando initiated a discussion on Winter Field Day scheduled for January 25 & 26 2025.

This is not an ARRL sponsored event and there are, currently, no plans to participate as a club.

Art initiated a discussion on the club Dxpedition to Alcratez Island this year.

The fees have been paid with the check being held by the people overseeing the island as there is no exact date set. Currently it is hoped that the trip will happen in July or August of this year. It will be a one day event. We will arrive and leave by the same boat that transports tourists. The event will have to be over before the last boat as over nights is not permitted.

At 2000 hours, Don Preston, KM6INR gave a presentation on Air Force MARS.

Members were invited to join the local MARS group at Travis AFB.

At 2030hours, Bryan Steinberg, KB0A, Treasurer, talked about new club badges.

He showed the new badge design. We are no longer going to be purchasing badges commercially, instead we will be printing and assembling them locally. This will greatly reduce the cost and waiting time of the badges.

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At 2035 hours, Servando talked about POTA events.

> The next event will be on January 18 & 19 2025.
> As a side not he said that anyone activating a POTA will be able to receive a certificate from the POTA group.

The meeting was adjourned at 2040 hours January 9, 2025

Respectfully submitted

M.W. Gregory, WB6WYF
Secretary

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This Month We Continue To Learning Morse Code.

This month we will be learning the characters R, K, H, 4, 6, 5, 0 and question mark (?).

I hope that everyone is learning correctly and efficiently and has mastered the first months characters. I am available to do some online practice sessions using zoom as well, perhaps pick a few nights each week to go online and practice as a group. I believe that Monday, Wednesday and Fridays are good days to use since Tuesdays are the net and Thursdays is a meeting night.

The second Saturday night of the month I am still available to do ecomm and message practice so I usually am tied up with that.

With luck, by the end of June we can all be trained CW operators.

And who knows? Perhaps we can run a net on 10 meters some night all done in CW.

73

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Winter Field Day

Winter Field Day has come and gone, and it was an interesting experience.

I operated out in my back yard using only the solar system for the radios and lighting. I stayed on my patio which has a 8 foot wide opening, is not sealed against the elements or enclosed other than a roof and was able to get the outdoor multiplier. I shut off my cell phone and left it in the house so I wouldn't be tempted to use it as a cheat. I taped the light switch shut so I could only rely on battery operated lights at night. I set up a 30 ft mast using PVC for a 50 long wire antenna which seemed to work ok.

In keeping with the spirit of the event, I only relied on my house for bathroom breaks for hygienic reasons. Eating was done using freeze dried foods and what I could work with outside from a single burner propane stove. I kept a garbage bag handy for garbage.

Once operating I made several contacts. All in all I had a good time and might consider doing it again monthly as a practice to being able to operate without comforts.

Stephen
KK6ZJC

73

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The Learning Corner

This month we will dip a toe into the practice of fox hunting.

Fox hunting is the art of locating a hidden transmitter.

It is done by taking directional readings of an unknown transmitter as you change your position in relation to the transmitted signal being received.

You need a minimum of at least three different readings to locate a transmitter. The more readings you can take the better you will locate it.

Depending upon the location of the transmitter, you may have to take readings from close or distant depending upon the terrain.

After taking 3 readings from about a mile or so apart, (if you were searching for an actual transmitter) you should be able to get a very close proximity of the transmitters location.

Once you get the hang of fox hunting, it really becomes quite easy.

In the pictures below you should get an idea of how to hunt for a transmitter as we walk through them. This is a very simplified explanation of how it works. (for demonstration purposes I will be using Alan Witt park in Fairfield)

In the picture below, we know we have a transmitter somewhere in the neighborhood.

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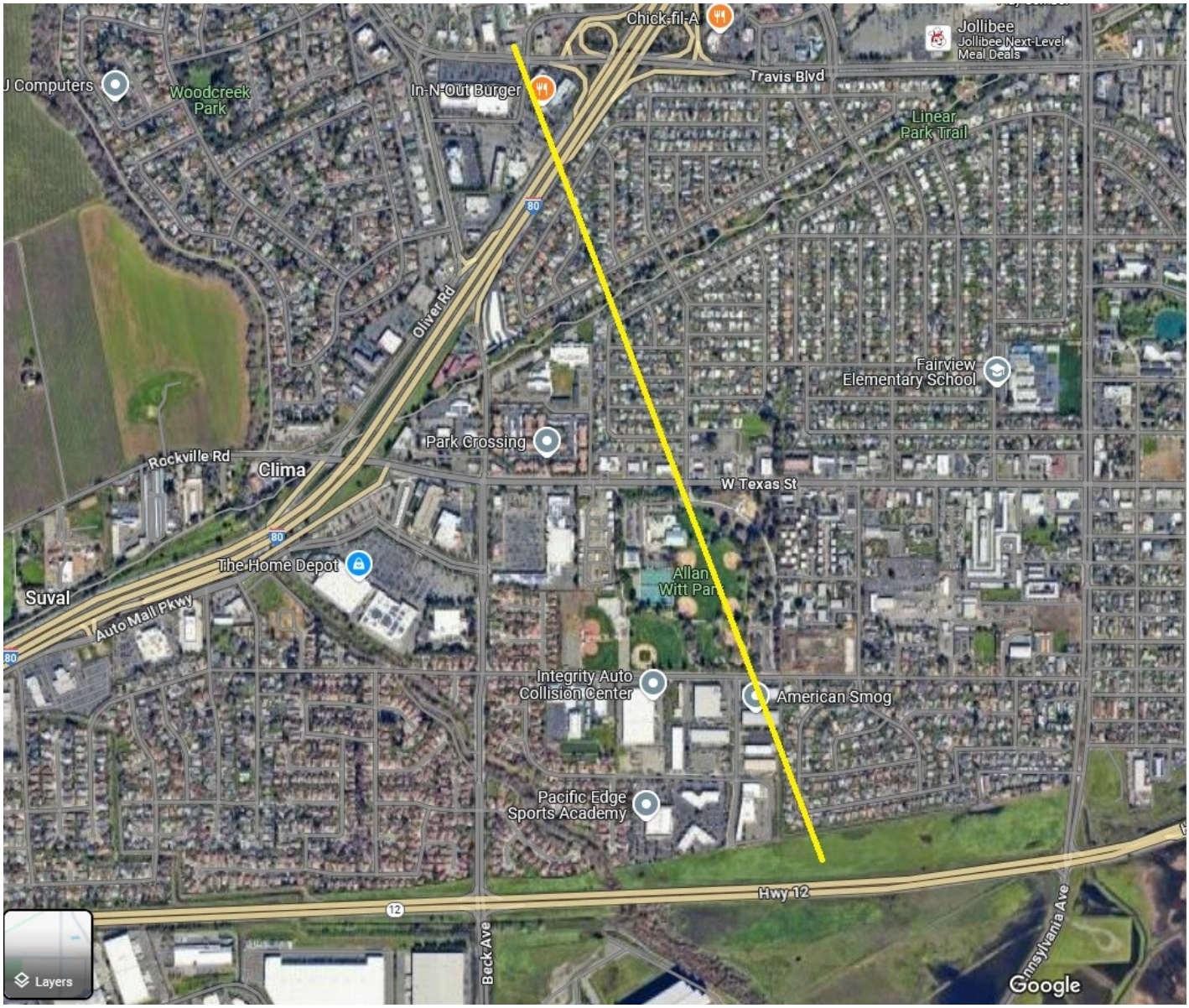
We pick a site that we can drive to close to our house. (in this next picture I used Raleighs food store, across from the in and out burger in Fairfield) and we take a reading to get an indication what direction it could be in.



We draw a line on the map to get our first reading from Raleighs.

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Then we change locations to a different site and take a second reading.
In this case I moved down to highway 12 and beck avenue.

We get our second line and draw it on the map from highway 12.

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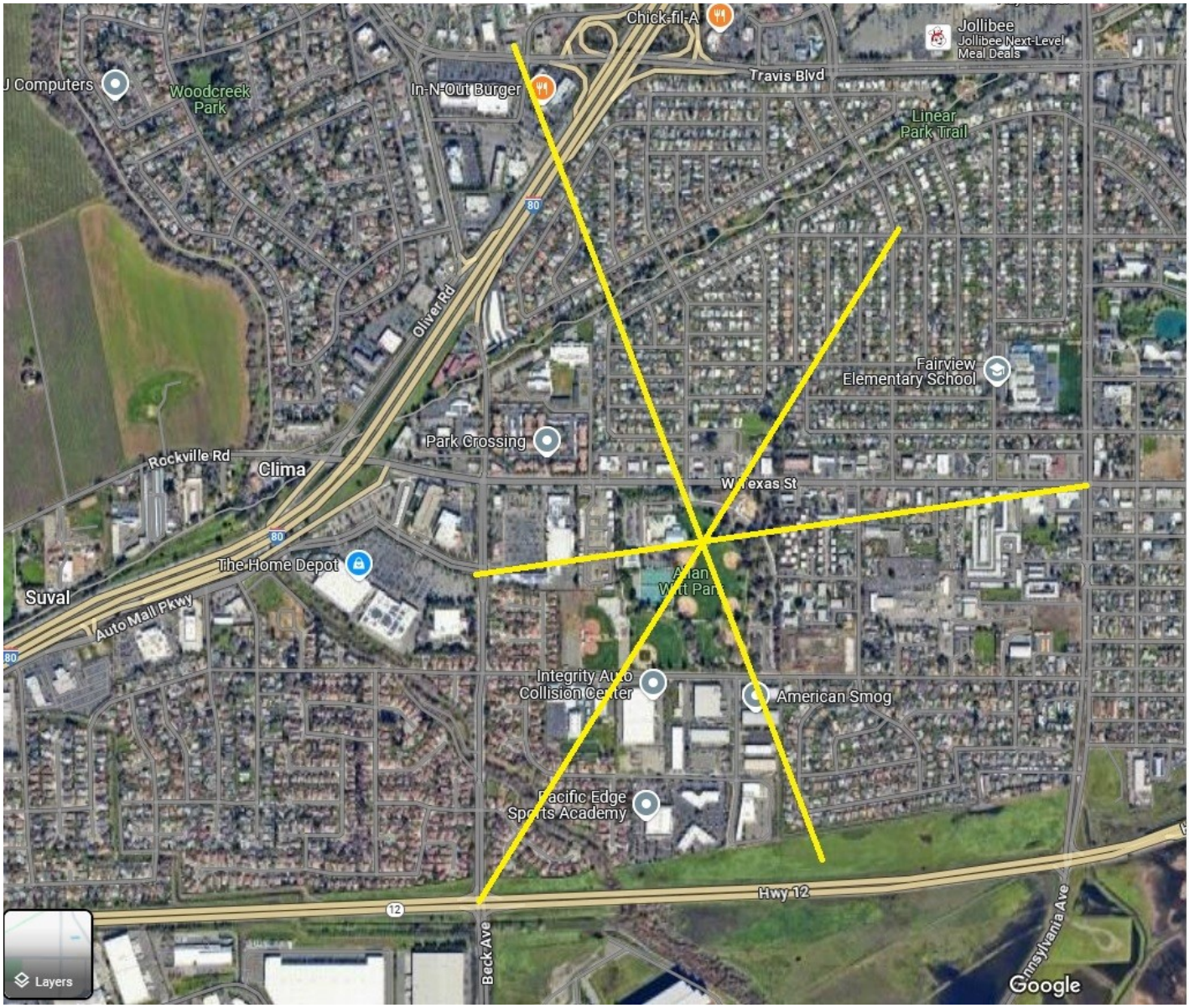

For our third reading, I used the Target parking lot in Fairfield.

After taking three readings they all intersect at Alan Witt Park.

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Now, knowing that our transmitter is somewhere in Alan Witt park, we drive to the park. We will use an enlarged map of the park to find the transmitter.

At this point we will start to use our attenuators to reduce the signal strength so we can get accurate readings.

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Once at the park we use a parking lot to get another reading. (I used the Aquatic area parking lot to take my first reading)

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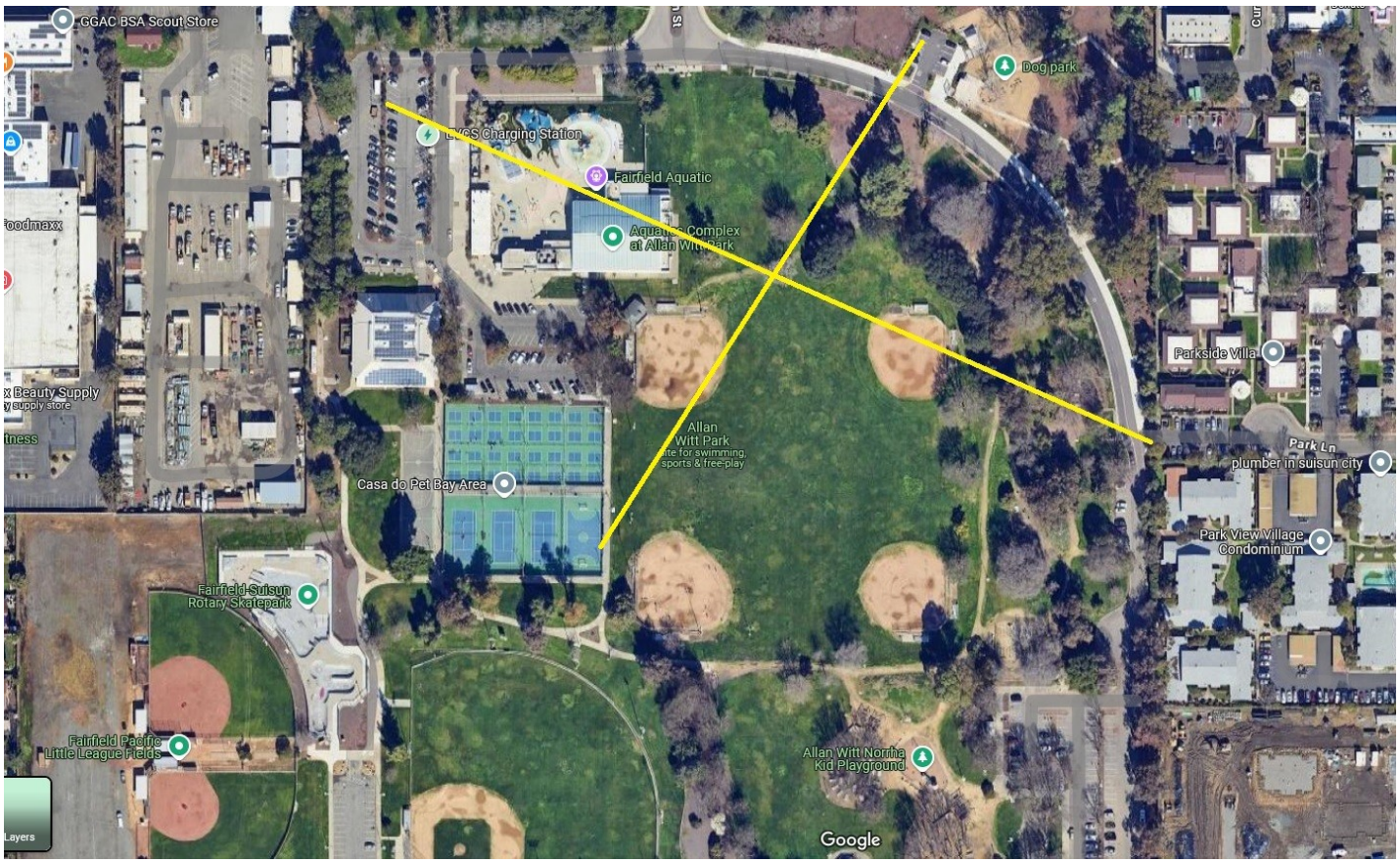
We then take a second reading from a different area in the park. (I used the parking lot by the dog area.)



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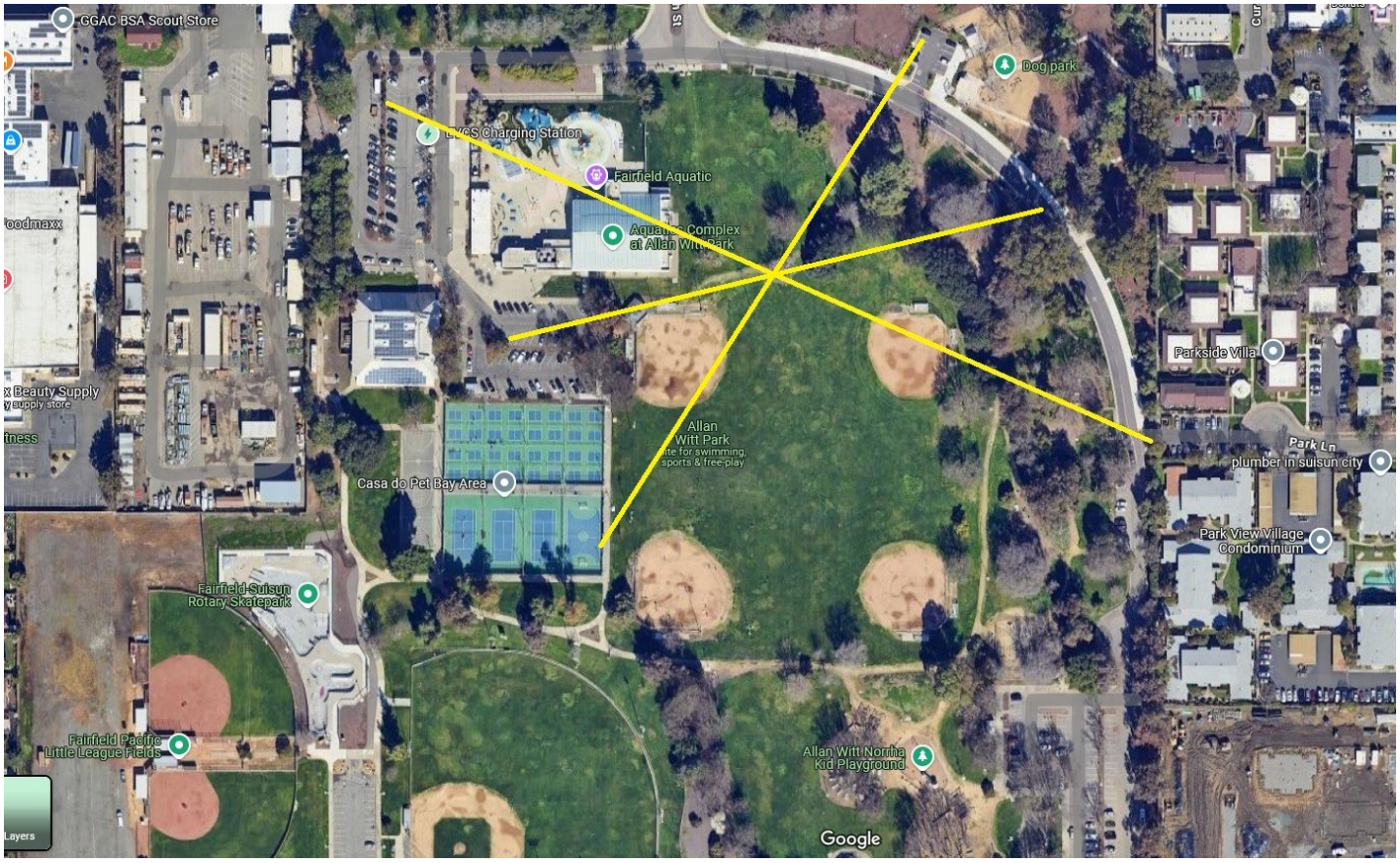
I took my third reading from the parking lot behind the aquatic center.



In this case, we are looking at a tree inside the park.

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But, maybe our bearings are slightly off, after all we do have 3 trees in the area.

So we zoom in a bit closer to that area only.

Now we can use things in this image to take readings from.

And by this point we should be at maximum attenuation so our radio isn't overloaded.

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We will use one of the ball fields as a mark for our first readings

Using the fence of the field as our first sight we draw a line in the direction of the transmitter through to the building.

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Now we can use a different ball field as our second reading.

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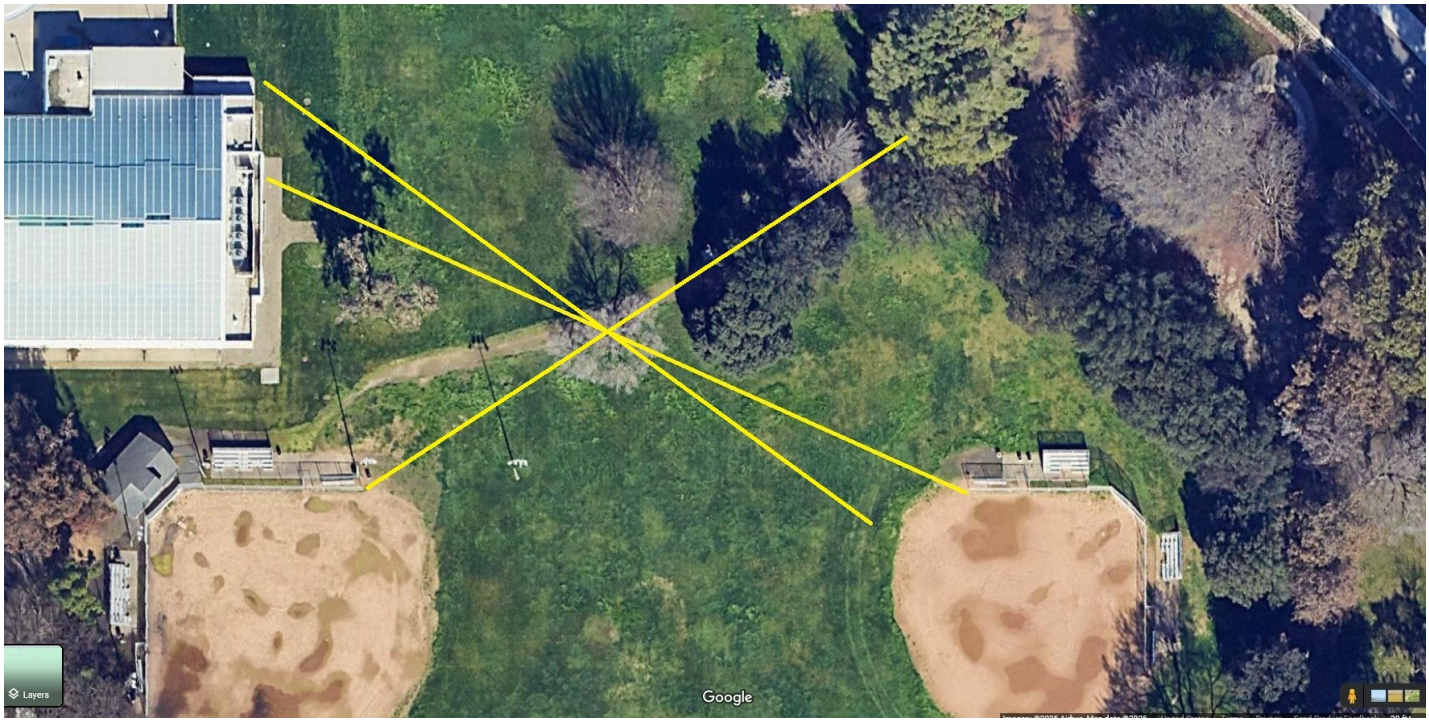
By this point it is pretty obvious which tree is our transmitter, but just to be absolutely sure we will make a third reading.



Now that we are truly confirming which tree is the culprit, all we need to do is walk over to the tree and find our transmitter.

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Our tree--

We would then go to the tree and try to find the transmitter.

You might need to put just a resistor across the antenna terminals or wrap your radio in several layers of tin foil to prevent the transmitter from overloading your radio

Remember the transmitter could be hidden anywhere in the tree.

If this was a real location and you were trying to find a jammer, you would document all the date and times of violations and jamming, (recordings of the jamming signals are a great tool) document steps you took to locate the jamming signal, and forward it to the FCC for their follow up.

You should never approach the person yourself for your own safety.

This concludes the lesson on how to fox hunt.

73

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The Learning Corner

Todays learning corner will be how to make a 2 meter **RECEIVING** tape measure antenna for fox hunting.

(NOTE: IN THE FOLLOWING LIST OF PARTS I CONTAIN LINKS TO HOME DEPOT. You do not have to use them. You can go to Lowes or Ace Hardware I used Home Depot only as my search engine to get a picture for you to see what you need.) You probably have everything you need at home already.

We will need the following items:

1 - 5 feet of RG 8X coax with PL259 connector on ONE end

1 - so239 adapter to your radio

1 - BROKEN steel metal tape measure

1 - 10 foot section of 1/2 inch PVC pipe

2 - cross connectors for 1/2 inch pvc

https://www.homedepot.com/p/Charlotte-Pipe-1-2-in-PVC-Schedule-40-S-x-S-x-S-Tee-PVC024 000 600HD/203 812 195

1 - t connector for 1/2 inch pvc pipe

https://www.homedepot.com/p/Charlotte-Pipe-1-2-in-PVC-Schedule-40-S-x-S-x-S-Tee-PVC024 000 600HD/203 812 195

A 5 inch piece of 16 gauge insulated wire with 1/4 inch stripped from each end.

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6 - 1/2 to 1-1/4 inch stainless steel hose clamps

https://www.homedepot.com/p/Everbilt-1-2-1-1-4-in-Stainless-Steel-Hose-Clamp-6 712 595/202 309 385

2 - vinyl insulated ring terminals

https://www.homedepot.com/p/Gardner-Bender-22-18-AWG-Stud-and-8-10-Stud-Vinyl-Insulated-Barrel-Ring-Terminal-Red-10-Pack-15-102/205 846 711

2 – 8-32-1 inch round head machine screw

https://www.homedepot.com/p/Everbilt-8-32-x-1-in-Zinc-Plated-Combo-Round-Head-Machine-Screw-8-Pack-831 501/317 479 040

2 – 8-32 flat washers

https://www.homedepot.com/p/Everbilt-8-Zinc-Flat-Washer-30-Pack-802 461/204 276 449

2 – 8-32 zinc plated nylon lock nut

https://www.homedepot.com/p/Everbilt-8-32-Zinc-Plated-Nylon-Lock-Nut-4-Pack-826 111/317 478 981

We will need the following tools:

#2 philips head screwdriver

socket for the nut

drill and drill bit to drill holes for the machine screws

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Aviation snips to cut the tape measure

https://www.homedepot.com/p/Crescent-Wiss-9-3-4-in-Compound-Action-Straight-Left-and-Right-Cut-Aviation-Snips-M3R/100 065 942

Dremmel type machine with cutting disc to remover the enamel coloring from the tape measure and to smooth the edges a bit.

4 ft aluminum straight edge ruler (to be able to make measurements)

https://www.homedepot.com/p/Empire-48-in-Aluminum-Straight-Edge-Ruler-4004/100 118 266

Sharpie marker to make lines for measurements on the tape measure.

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Now on to the build.

Using the generic formulas I learned as a teenager way back in the 1970's about antennas and how to make beams (Ok! Yes I am old.):

Our driven element is 468/f then divided in 2 for each side

Driven 3.17

To break the numbers down into inches we take the .17 and multiply it by 12
.17 x 12 = 2.04 inches

3 x 12 =36 (this will be a standard)

36 +2.04 =38.04

Divide in 2 and each side – 19.02. (we round it to 19 inches.)

The reflector size is 468/f then multiplied 1.05

reflector 3.33 or
.33 x 12 = 3.96 (round up to 4 inches)

3x12=36 (same as above)

36+4= 40 inches

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the director is 468/f then multiplied by .95

director = 3.04
.04x12=.48 (one half inch)

3 x 12 =36 (same as above)

36+.5= 36 and 1/2 inch

For the distances apart from the driven element

To get a higher back rejection ratio we use

reflector 468/f*.20

To get a higher directional aim we use

director 468/f* .30

Now plugging those formulas in we get

reflector 3.33 x .20 = .63
.63x12 = 7.614 (7 and 2/3 inch rounded up)

director3.04 x .30 = .945

.47 x 12 = 11.42 (11 and a half inch rounded up)

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Now onto the build!

Taking our broken tape measure, we pull it ALL the way out of the housing. And yes that means about 6 or 8 inches past the end of the markings.

At the back end is a small spring that holds onto it. Free the tape measure from that spring. (don't throw away the housing. It can be used to fling an antenna into a tree)

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Using the tin snips, snip off the end of the tape where it was connected to the spring so you have a smooth piece of metal.

On the other end snip off the tape where it is connected to the stop. (the little metal tab at the beginning of the tape measure).

Flipping the tape so the measurement side is facing down, take your aluminum straight edge and measure the reflector. Again the reflector is 40 inches. Make a mark using a sharpie marker.

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Using your pair of tin snips, cut the tape measure at the mark you made.

Using the marker, make a mark 20 inches from one end.

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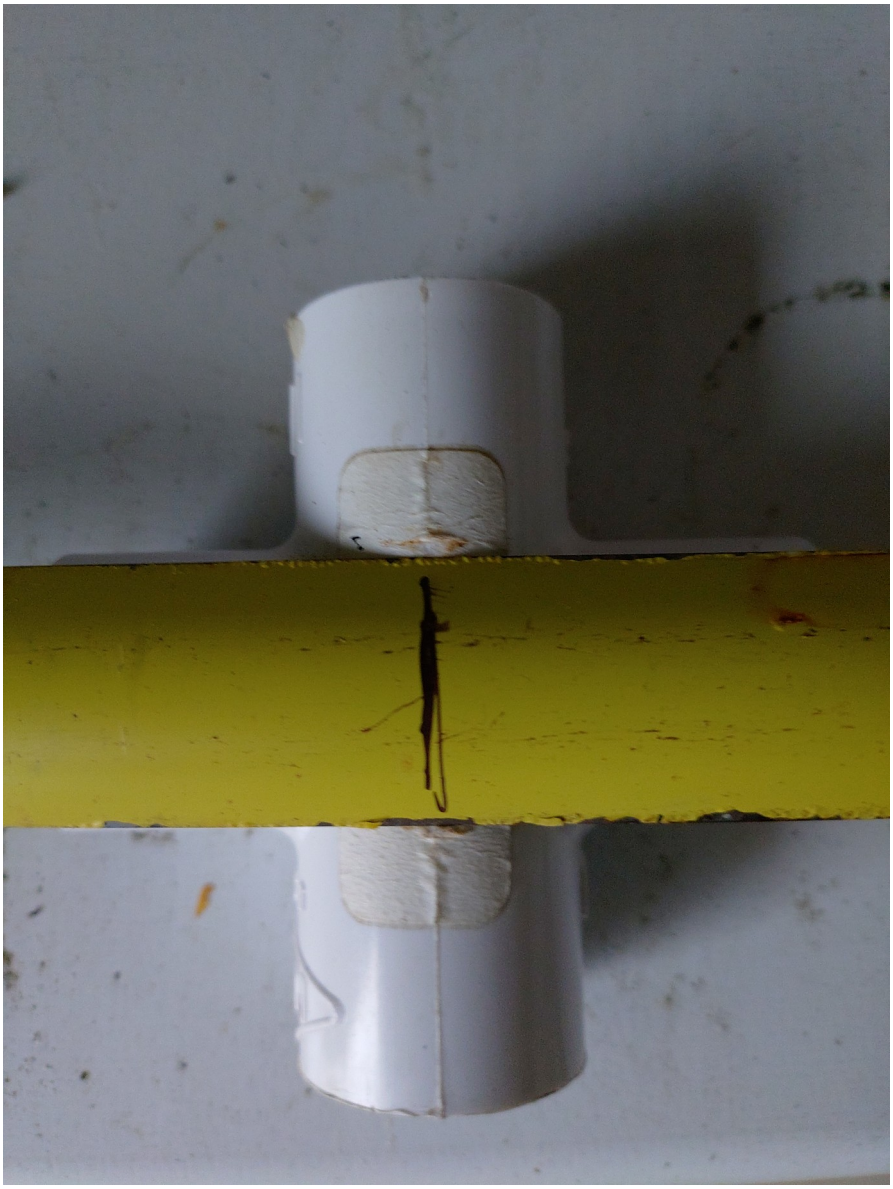
Taking a cross connector center the cross connector on the piece of tape measure you just marked.



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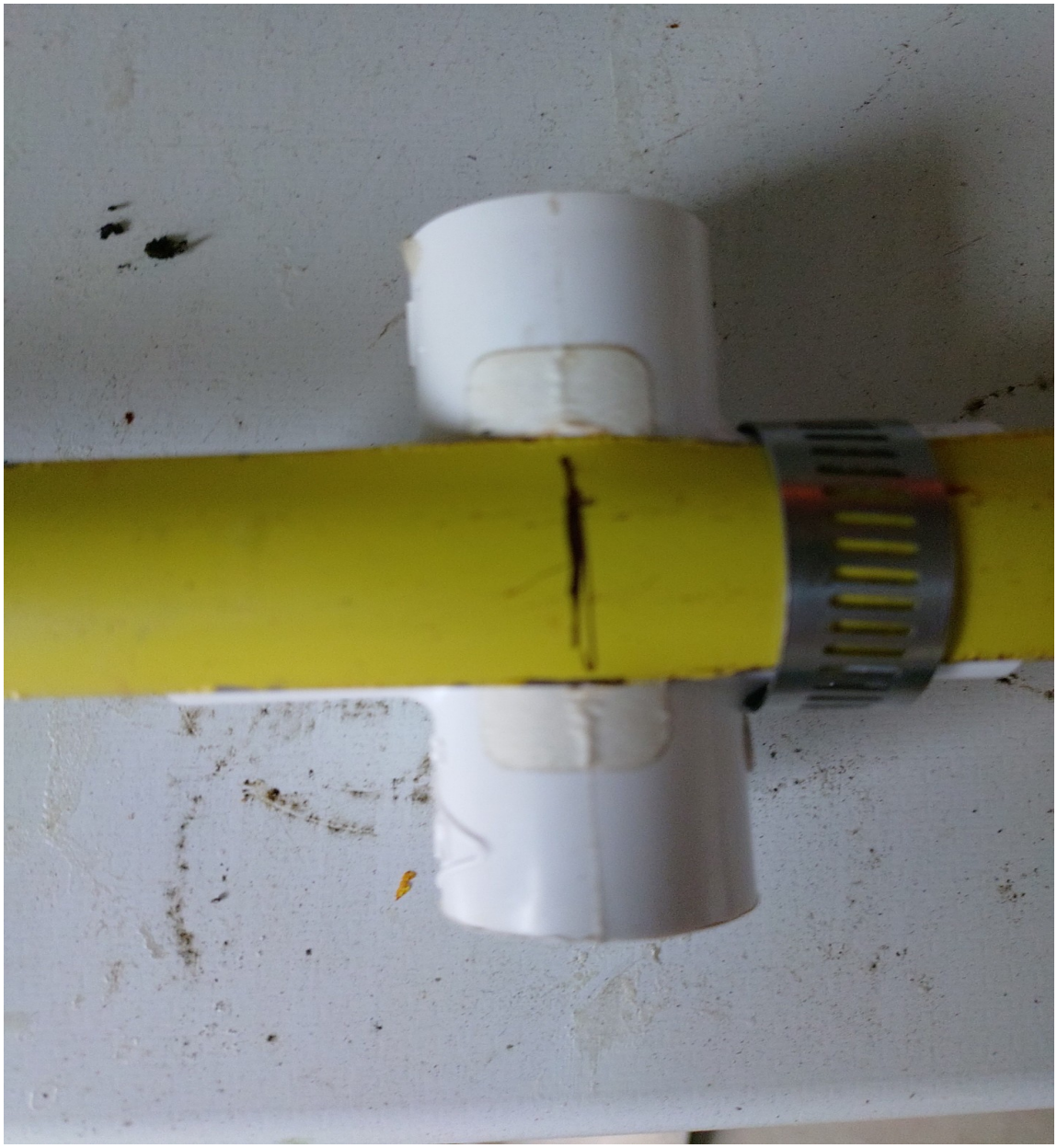
Taking one of the hose clamps, slide it over the tape measure and bring it to the cross connector. Clamp it down on both the cross connector and the piece of tape measure, making sure to keep it centered on the tape measure. You should be about 18/ 1/2 inches from each end.



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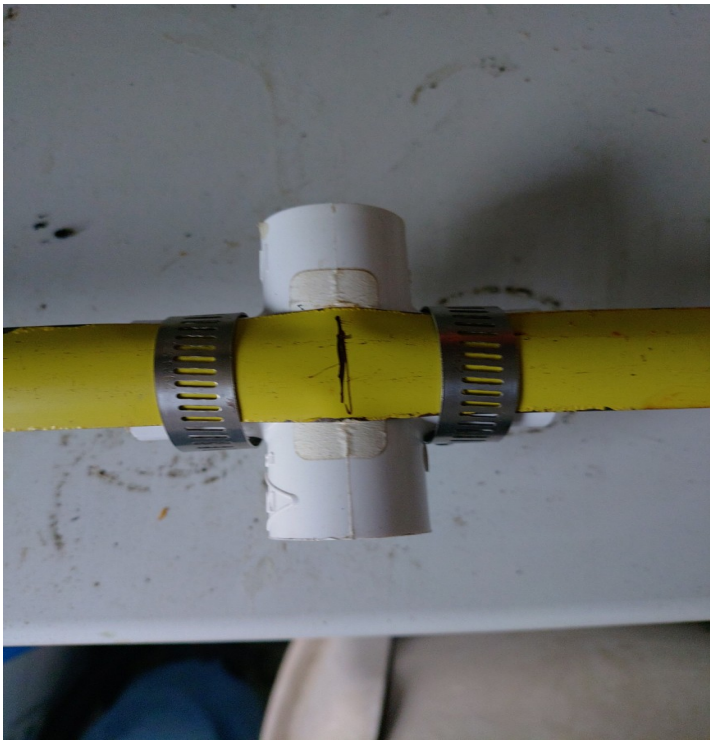
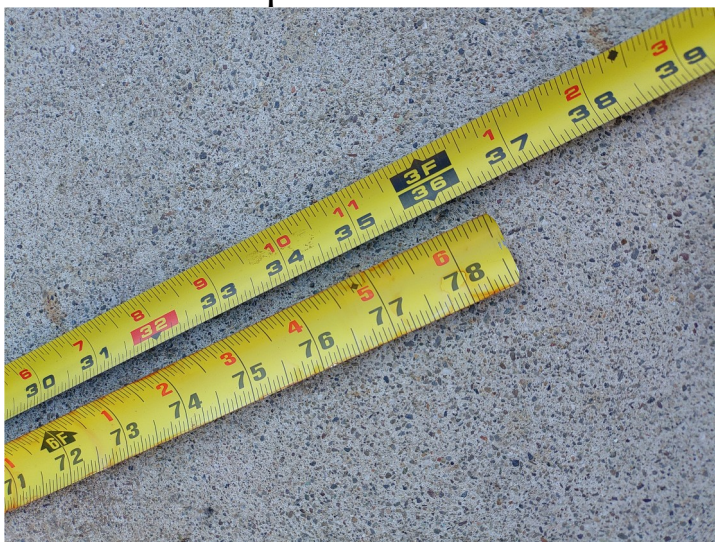
Clamp down the other side of the same cross connector and tape measure.



Now we will do the director in the same way.

Taking the tape measure and cut a piece of it 36 1/2 inches long.



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Make a measurement at 18 1/4 inches.

Take a T connector and center the tape measure on it. Slide a hose clamp on one side and bring it to the T connector. Clamp down on both the tape measure and the T connector, again making sure to keep it centered on the tape measure. You should be about 17 1/2 inches from each end.

Continued on the next page.

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Clamp down on the other side of the T connector in the same fashion.

It is now time for us to do the driven element.

Continued on the next page.

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We measure a piece of the tape measure to 38 inches.

We now cut the 38 inch piece of tape measure in half at 19 inches.

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Taking a piece of sandpaper on a block, sand about an inch of the tape measure at one end. I used a dremmel with a cutting disc at an angle with very light pressure to remove the paint.

Now sand an inch of the other piece of tape measure.

We will position the element on a cross connector leaving about an inch gap.

Continued on the next page.

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Use a hose clamp at the END of the cross connector to hold the tape measure piece in place. Make sure it holds the tape firmly in place so it does not shift during the next step.

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Notice you can see through the hose clamp and only a small part of it is holding the tape measure in place.

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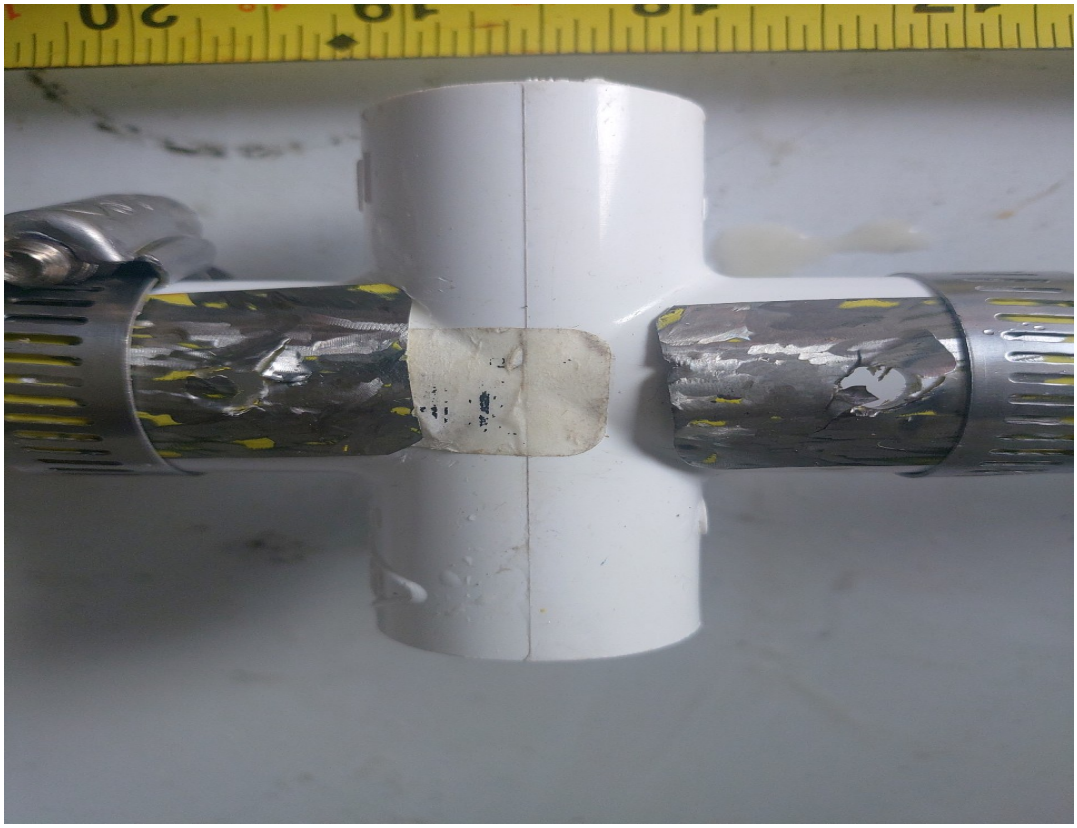
If you look at the above picture you will notice there is a hole drilled next to the clamp.

We will drill a hole through the cross connector and the tape measure in the center of where we sanded it. This needs to be done of a solid surface such as a block of wood so the tape measure doesn't flex and we get a round hole in the tape measure.



If you look at mine, the tape measure tore as the drill went through it since there was a slight gap between the wood and the tape measure. The tape measure must be firmly supported.

Continued on the next page.

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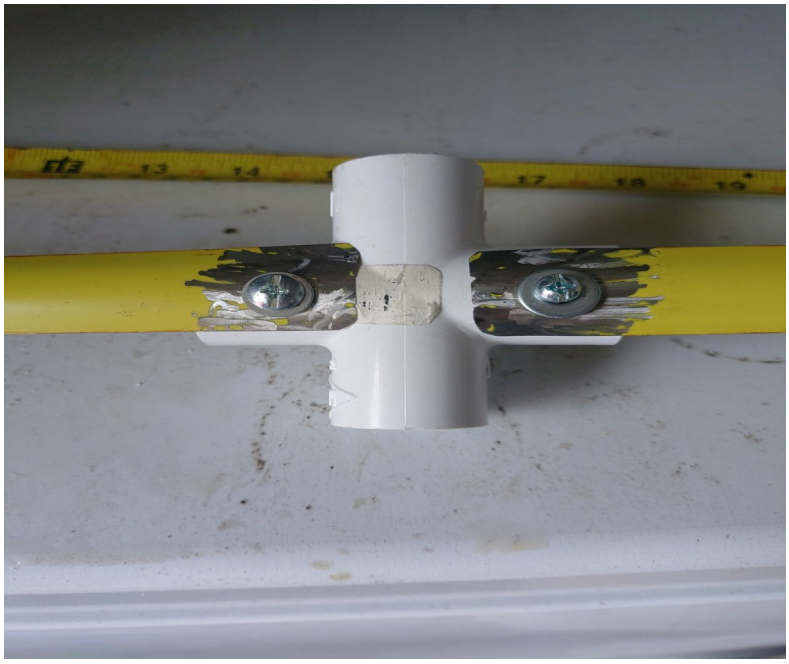
After drilling our holes, we take 2 machine screws and push them through the holes. Place a nut on it and tighten it loosely to just hold it in place.



Dont forget the washers!

Continued on the next page.

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We now take the 5 inch piece of wire, bend it into a horseshoe shape and attach it across the 2 screws.

We then attach our coaxial cable to the screws.

We then cut our beam rods.

One of course is 11 1/2 inches

The other is 7 2/3 inches

Continued on the next page.

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We now use the 11 1/2 inch one for the driven director combination
Ans we use the 7 2/3 one for our driven reflector combination.

And it is done.

You can take a piece of pvc to use as a handle by putting it in behind the reflector.

And that concludes this build.

Hope you have fun making them.

73

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Links for equipment

Links for equipment and parts for your Station

This will be by no means a complete list, and you should verify if what you need is available.

Obviously, I am going to start with amateur radio suppliers such as:

Ham Radio Outlet

DX Engineering

Gigaparts

Next are antenna parts suppliers:

American Radio Supply

Amateur Radio Supplies

Continental Steel

Stock Car Steel

Aluminum Wholesalers

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Continued on the next page.

And electronics parts suppliers:

Mouser Electronics

Jameco Electronics

Arrow Electronics

Digikey Electronics

Newark

Elliott Electronic Supply

Test Equipment:

Test Equipment Depot

Siglent Technologies

Jameco Electronics

Fluke

As I have said this is by no means a complete list but you should recognize most names on the list.

73

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Recurring Club Meetings and Events
February 2025

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	31	1
2	3	4 Club Net	5	6 Cow Town	7	8
9	10	11 Club Net	12	13 Cow Town Club Meeting	14 Valentines Day	15 KK6ZJC Ecomm training 1900 hrs
16	17	18 Club Net	19	20 Cow Town	21	22 KK6ZJC Zoom Morse Code Practice 1900 hrs
23	24	25 Club Net	26	27 Cow Town	28	1
2	3	4	5	6	7	8

Monthly Meetings are held at the Nut Tree Airport Vacaville CA	KK6ZJC can be reached by email at coffeeholic1a@yahoo.com	

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Information About Recurring Club Meetings and Events

The club net is at 2000 hours EVERY Tuesday using the W6VVR Repeater:

Receive 145.470 Transmit 144.870 CTCSS Tone 127.3

The Club Cow Town is a general rag chew every Thursday on the W6VVR Repeater. It starts about 1000-1030 local time using the same frequencies as above,

The monthly Club meeting is always held the second Thursday of the month at the Nut Tree Airport. The meeting starts at 7PM local time and generally runs through about 9PM. Directions to the meeting can be found at the end of the newsletter.

Every Saturday the same week as the club meeting at 1900 hours local time KK6ZJC will be using zoom to practice passing messages.

Anyone wishing to join in contact KK6ZJC by email at

coffeeholic1a@yahoo.com.

Please put ECOMM TRAINING in the subject.

I will generally check my emails right through Saturday night about 1830 hours local time. After 1915 hours if no one joins the meeting, I shut Zoom down

It is a great way to learn how to pass messages using the ICS-213 form, or practicing sending messages for the general public using the ARRL forms.

Starting this month I will be running a zoom session on the fourth week of the month for anyone that wants to do practice session for Morse code. If you send an email to coffeeholic1a@yahoo.com and let me know I will send a link to the zoom meeting.

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Special Club Meetings and Other Events in the area

I am listing all special events the club is looking for volunteers to assist in, fox hunts, or events out of the ordinary.

February 15th, - Alan Witt Park in Fairfield, CA. Foxhunt. 1000 to 1600.

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Contest

Below is link to a great contesting website by fellow Amateur Radio Operator Bruce Horn, WA7BNM

https://contestcalendar.com/

The calendar list contest in multiple ways.

It is easy to use and regularly updated.

Hope that it helps you with your contesting!

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The Club Repeater(s)

The Vaca Valley Radio Club sponsors repeaters on several bands.
The club provides some financial support, but the owners provide a substantial portion of the cost of their operation.
The efforts of the owners are greatly appreciated.

The main repeater for the club is:

Call Sign: W6VVR
Output Frequency: 145.470MHz
Input Frequency: 144.870MHz
CTCSS tone (P.L.): 127.3Hz
Offset Frequency: 600KHz
Offset Direction: Minus

Vaca Valley Radio Club Sponsored Repeaters
As Of November 1, 2023

Rptr Out	Offset	P.L.	Call/ Location	Linked Repeaters
145.470	Minus 600 KHz	127.3	W6VVR Mt Vaca	Linked to 441.650 MHz
440.025	Plus 5 MHz	127.3	WV6F Mt Vaca	
441.650	Plus 5 MHz	100.0	N6VLF Fairfield	Linked to 145.470 MHz
145.140	Minus 600 KHz	77.0 DG-ID 00-00	Moderate level	Can operate Yaesu Fusion AMS Can be linked to 145.470 MHz or 441.650 MHz

Visitors are welcome to use the repeaters.

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EchoLink and AllStar Nodes

The Vaca Valley Radio Club operates both an EchoLink and an Allstar Nodes that link to the
clubs main repeater on 145.470 MHz on top of Mt Vaca.

NOTE: EchoLink is UP, Allstar node is UP.

Call Sign: W6VVR

EchoLink Node 454 312 W6VVR-R

Allstar Node 51 094

Visitors are welcome to use the nodes.

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2025 Officers:

President:	Servando Miramontes	K6SRV
Vice President:	Dan Martin	N6ETR
Treasurer:	Brian Steinberg	KB0A
Secretary:	Mike Gregory	WB6WYF

2024 Board of Directors:

Art Aronsen	WD6BQX
Chris Swanson	KJ6DLF
Mike Rogers	KN6MIO
Stephen Bartels	KK6ZJC

Net Control Operators

1st Week Of The Month	Bob Hawkins	KM6BXZ
2nd Week Of The Month	Chris Swanson	KJ6DLF
3rd Week Of The Month	Frank Garay	KJ6RWQ
4th Week Of The Month	Dan Martin	N6ETR
5th Week Of The Month	Dan Martin	N6ETR

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VOLUNTEER POSITIONS:

Membership	Bryan Steinberg	KB0A
Repeater Trustee	Brian Hagen	KK6BXP
Repeater Committee Chair	Brian Hagen	KK6BXP
Newsletter Editor	Stephen Bartels	KK6ZJC
Webmaster	Bryan Steinberg	KB0A
Net Control Coordinator (Filled by the Vice President as per the Club Constitution)	Dan Martin	N6ETR
Activities Committee Chair	Don Preston	KM6INR
Monthly Message Passing Practice Net	Stephen Bartels	KK6ZJC
Foxhunt Coordinator		
Parks on the Air Coordinator	Servando Miramontes	K6SRV
Bicycle Events Coordinator		
Parade Events Coordinator		
Winter Field Day Committee		
Dixon Mayfair Parade		
June Field Day Committee		

Continued on the next page.

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Volunteer Positions (Continued)

Merriment on Main

December Meeting

Public Information Officer

Winlink Committee Chair

FL-Digi Committee Chair

Morse Code Training Sessions

AREDN Committee Chair

We still have numerous committees that need chairpersons and volunteers for the upcoming year (2025). (See the list above.) They need to be filled for the upcoming year by younger volunteers and those with experience to guide the club forward into the future.

This is your club. You can make it a great club by participating in meetings, events, and nets, or you can watch the club wither away and die from lack of participation by ALL members.

It is in your hands, are you going to watch the club end? Or, are you going to jump in and help steer the club forward to the future?

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Vaca Valley Radio Club, Inc

Membership Application/Renewal Form

November 2019 Dues are payable annually.

New Members Please Fill in All Fields Completely
Renewing Members Please Provide Name and Call Sign,
Other Fields *Only if there are changes*

Member Information

FCC Name:_____

Street:_____

Street 2:_____

City:_____

State:_____ Zip-Code+4:_____

Home Phone:_____

Cell Phone:_____

Call Sign:_____

License Class:_____

ARRL Member?_____

Member No:_____

Name Badge Name_____

Payment Information

Member Dues: $25.00 _____

Additional Family Members: $2.00 _____

Student: $5.00 _____

Repeater Donation: _____

Total:_____$_____

Paid by Check: $_____

Check number: _____

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Family Member (Spouse or Children)

FCC Name:_____

Call Sign:_____

License Class:_____

ARRL Member?_____

Member No:_____

Name Badge Name_____

Family Member (Spouse or Children)

FCC Name:_____

Call Sign:_____

License Class:_____

ARRL Member?_____

Member No:_____

Name Badge Name_____

Family Member (Spouse or Children)

FCC Name:_____

Call Sign:_____

License Class:_____

ARRL Member?_____

Member No:_____

Name Badge Name_____

Family Member (Spouse or Children)

FCC Name:_____

Call Sign:_____

License Class:_____

ARRL Member?_____

Member No:_____

Name Badge Name_____

Family Member (Spouse or Children)

FCC Name:_____

Call Sign:_____

License Class:_____

ARRL Member?_____

Member No:_____

Name Badge Name_____

Family Member (Spouse or Children)

Name:_____

Call Sign:_____

License Class:_____

ARRL Member?_____

Member No:_____

Name Badge Name_____

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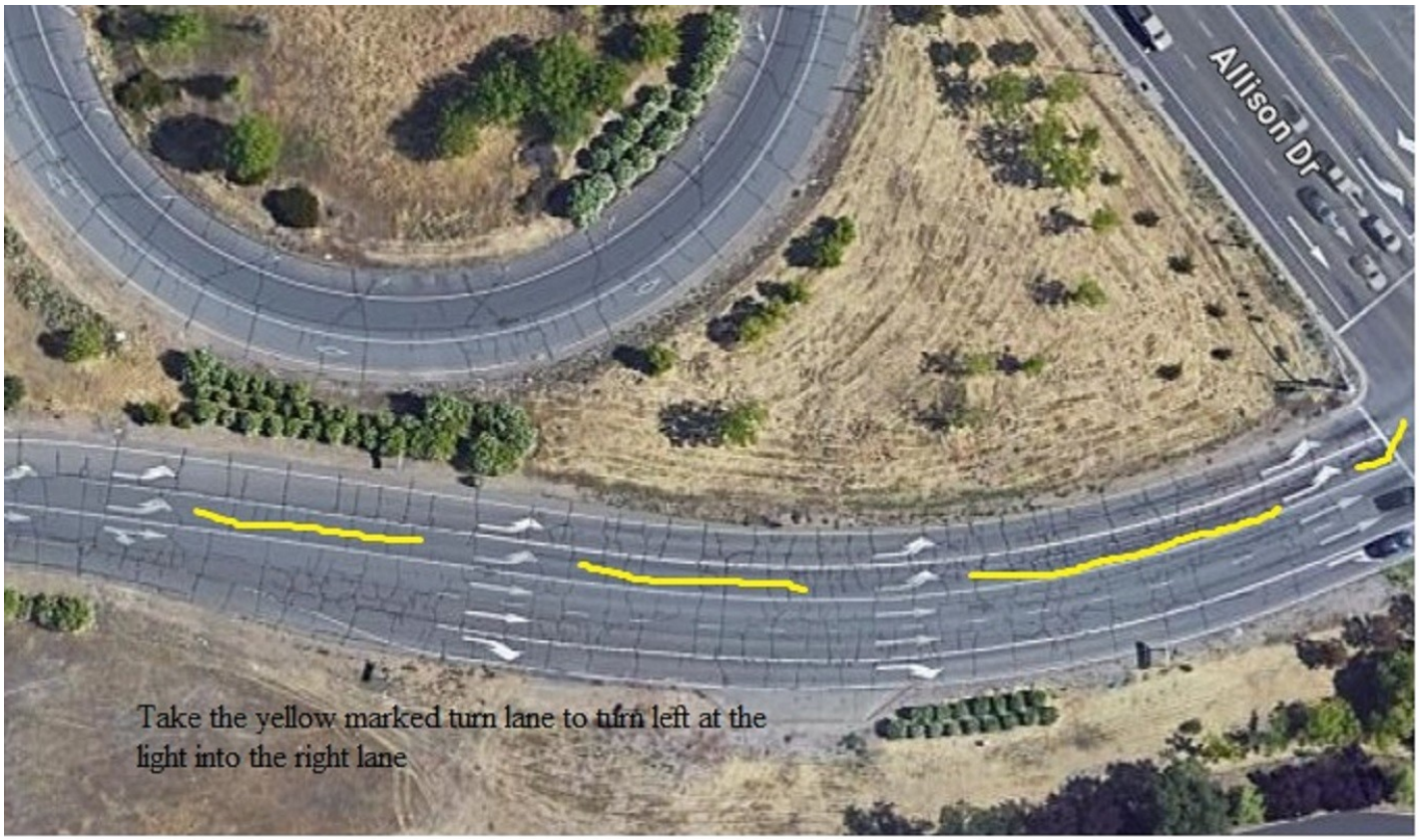
Directions To the Monthly Meeting from Fairfield, Suisun City And Other Areas West of Vacaville

Coming from Fairfield: Take Highway 80 East Bound. Take exit 55 Nut Tree Parkway / Allison Drive. Stay to the left and enter the right left turn lane



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Turn left from the right turn lane and stay in the right lane. Be careful not to get back on the highway entrance.

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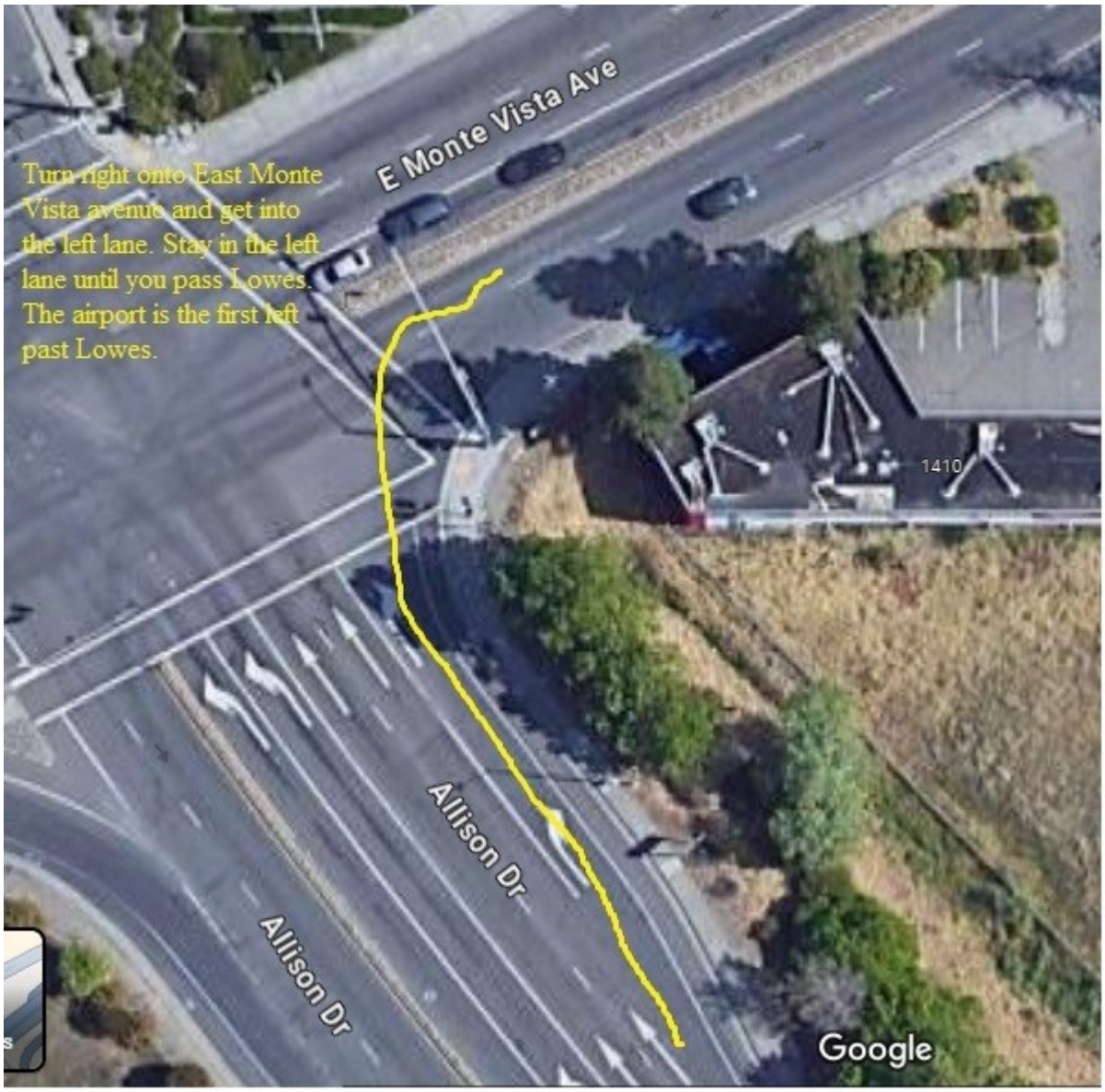
Go over the overpass and make the right turn onto East Monte Vista Avenue.



Get in the left lane of E Monte Vista Avenue and drive East until you pass Lowes.

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The airport is immediately past the Lowes Parking lot.

Turn left and drive to the airport parking lot on your right.

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Directions To The Monthly Meeting From Dixon, Sacramento And Other Areas East of Vacaville

Coming West from Dixon take the E Monte Vista Avenue exit, (exit 55)

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Take the Right turn Lane at the exit

Stay in the right lane until the light.

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At the light turn Right and get into the left lane.

After making the right turn, get into the left lane and drive East until you see Lowes.

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Turn left and drive to the airport parking lot on your right.

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